



DOCKET NO.: UDL-0004

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**In Re Application of:**

**Graham Heeks, et al.**

**Application No.: 10/782,475**

**Filing Date: February 19, 2004**

**For: VALVE ARRANGEMENT AND TRAFFIC CALMING DEVICE  
INCORPORATING SUCH AN ARRANGEMENT**

**Confirmation No.:**

**Group Art Unit: Not Yet Assigned**

**Examiner: Not Yet Assigned**

DATE OF DEPOSIT: *April 2, 2004*

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

*Frank T. Carroll*  
TYPED NAME: Frank T. Carroll  
REGISTRATION NO.: 42,392

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of

the above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached;

or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☐ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

## EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☒ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
  - ☒ Copies of references **1 thru 30** listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. **10/204,895**, filed **November 26, 2002**.

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PATENT

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

There are no listed references which are not in the English language.

Date: *April 2, 2004*



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<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office	Docket No. <b>UDL-0004</b>	Application No. <b>10/782,475</b>
	Applicant <b>Graham Heeks, et al.</b>	
	Filing Date <b>February 19, 2004</b>	Group <b>Not Yet Assigned</b>

### U. S. PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Name	Class	Subclass
	1	4,203,685	05/20/80	Sanchez	404	6
	2	4,362,424	12/07/82	Barber	404	6
	3	4,367,975	01/11/83	Tyers	404	6
	4	4,534,673	08/13/85	May	404	16
	5	5,415,493	05/16/95	Eaton	404	15
	6	5,419,652	05/30/95	Flanders	404	15
	7	6,024,510	02/15/00	Kamienchick	404	15
	8	6,010,277	01/04/00	Follman	404	11
	9	3,720,181	03/13/73	Elkins	116	63P
	10	6,276,667 B1	08/21/01	Arthur	256	13.1

### FOREIGN PATENT DOCUMENTS

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO
	11	2 288 419 A	10/18/19 95	Great Britain		
	12	0 370 154 A1	05/30/19 90	EPO		
	13	DE 29 14 708	10/23/19 80	Germany		
	14	DE 3 447 712 A1	08/14/86	Germany	X (abstract)	
	15	DE 2 266 552 A	11/03/93	Great Britain		
	16	DE 2 328 235 A	02/17/99	Great Britain		
	17	WO 91/63051	08/30/01	PCT		
	18	WO 93/24707	12/09/93	PCT		

EXAMINER

DATE CONSIDERED

<b>Form PTO-1449 Modified</b>  List of Patent and Publications Cited by Applicant (Use several sheets if necessary)  U.S. Department of Commerce Patent and Trademark Office				Docket No. <b>UDL-0004</b>		Application No. <b>10/782,475</b>	
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<b>U. S. PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Name</b>	<b>Class</b>	<b>Subclass</b>	
	<b>19</b>	6,659,682 B2	12/09/03	Heeks, et al.	404	15	
	<b>20</b>	6,241,419	06/01	Bond, Michael L.	404	10	
	<b>21</b>	2002/0085881	07/02	Heeks, Graham	404	15	
	<b>22</b>	2003/0053860	03/03	Hall, Brett Osmund	404	15	
<b>FOREIGN PATENT DOCUMENTS</b>							
<b>Examiner Initial</b>		<b>Document No.</b>	<b>Date</b>	<b>Country</b>	<b>Translation</b>		
					<b>YES</b>	<b>NO</b>	
	<b>23</b>	FR 2 622 034	04/21/89	France			
	<b>24</b>	FR 2 699 567	06/24/94	France			
	<b>25</b>	KR 0 020 924	04/00	Korea(SOUTH)			
	<b>26</b>	GB 2 324 326	10/21/98	Great Britain			
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	<b>28</b>	GB 2 336 867	03/99	United Kingdom			
	<b>29</b>	WO 97/46760	12/97	WIPO			
<b>EXAMINER</b>				<b>DATE CONSIDERED</b>			